

Everyday computing delivered in style

EVERYDAY PC PERFORMANCE

Enjoy the powerful performance of an Intel® Pentium® T4200 processor (2.00GHz¹) with 3GB of pre-installed memory.



The VAIO NS notebook comes pre-installed with Genuine Microsoft® Windows Vista® Home Premium 64-bit¹⁴.

Work and play online within your home or office using 802.11b/g/n integrated wireless LAN technology³.



Store your cherished digital family photos, school projects and important documents on the roomy 320GB² (5400rpm) Serial ATA hard disk drive .

MULTIMEDIA ENTERTAINMENT

A 15.4"⁴ widescreen display, with XBRITE-ECO™ LCD technology, delivers razor-sharp details and bold colors while preserving precious battery power.

Communicate with family, friends and colleagues using the built-in webcam¹¹.

Editing digital video and images is quick and easy with VAIO® Movie Story software. You choose the supplied template and professional-looking cutaways, cross-fades and soundtrack syncing are automatically done for you.

STYLISH YET FUNCTIONAL DESIGN

Clean lines, textured exterior, a rich Granite Silver hue and an aesthetic yet functional design give this notebook a very contemporary look and feel.

Connect to useful peripherals with 4 conveniently located USB ports.

The 15.4"⁴ VAIO® NS notebook exemplifies contemporary style in an easy-to-handle mobile PC. With such great features as a built-in webcam¹¹ and 3GB of RAM, the VAIO NS notebook is a great PC for all your day-to-day computing and entertainment endeavors.



XBRITE-ECO™



VGN-NS328J/W

Specifications

General

Computer Type: Notebook

Type of Use: Portable

Action Buttons: AV Mode, Mute

Pointing Device: Electro-static touch pad

Hardware

Keyboard: QWERTY, 86 keys with 2.5mm stroke and 19.05mm pitch

Camera: Built-in MOTION EYE® camera and microphone

Processor

Type: Intel® Pentium® Processor T4200

Speed: 2.0GHz¹

Front Side Bus Speed: 800MHz

L2 Cache: 1MB

Memory

Type: DDR2

Installed: 3GB PC2-6400 (2GBx1) + (1GBx1)

Maximum: 8GB

Speed: 800MHz

Hard Drive

Capacity: 320GB²

Speed: 5400rpm

Interface: Serial ATA

Optical Drive

CD Support: Read / Write (CD-/R/-RW)

DVD Support: Read / Write (DVD±R/±RW/±R DL/-RAM)

Expansion Slots

Multimedia Card Reader: One Memory Stick PRO™ (Standard/Duo) media slot with MagicGate® functionality

One ExpressCard® / 34 media slot

One Secure Digital (SD memory card) media slot

Audio

Sound System: Intel® High Definition Audio

Display

Screen Size: 15.4"⁴

Resolution: 1280 x 800 (WXGA)

XBRITE-ECO™ Technology: Yes

Graphics

Processor: Mobile Intel® Graphics Media Accelerator 4500M with Intel® Clear Video Technology. Total Available Graphics Memory of 1340MB (max.)¹⁵

Chipset: Intel® GM45 Express Chipset

Max. External Resolution via VGA: 2048 x 1536

Inputs and Outputs

Modem Jack: 1

Microphone Input: 1

USB Port(s): 4 (2.0 compliant)

VGA Output(s): 1

DC-In: 1

i.LINK® Connection: 1 (4pin) i.LINK® connector (IEEE 1394)⁷

Ethernet Connection (s): 1

Networking/Modem

Ethernet Protocol: 10Base-T/100Base-TX/1000Base-T (Gigabit)

Ethernet Speed: Fast Ethernet (RJ-45)

Modem Type: Integrated V.92/V.90 Modem (RJ-11)

Wireless LAN: Atheros 802.11 b/g/n Wireless Network Connection³

Power

Sony Electronics Inc. 16520 Via Esprillo • San Diego, CA 92127 • 1.800.222.7669 • www.sony.com
(VGP-BPS13A/B)

VAIO® NS Notebook PC

Estimated Battery Life: Up to 4.0 hours⁸ Standard Capacity Battery
Up to 6.5 hours⁹ Large Capacity Battery

Power Requirements: 95W + 10%

Software

Operating System: Genuine Microsoft® Windows Vista® Home Premium 64-bit¹⁴

Supplied Software: Microsoft® Works SE 9.0 w/ 60-Day Trial Version of Microsoft® Office Home and Student 2007¹²

The VAIO® Software Experience: VAIO® Startup Assistant VAIO® Care

VAIO® Multimedia Suite: VAIO® Startup Assistant

Click to Disc Editor - Import, Edit, Burn

VAIO® Movie Story - Simple Movie Creation

VAIO® MusicBox - Music by Mood

VAIO® Media plus - Multimedia Streaming Software

*Please access VAIO® Help and Support from your PC for a complete list of software applications and trials.

Anti-Virus & Recovery Software: Norton Internet Security™ 2009 30-Day Trial Offer¹³

Service and Warranty Information

Telephone Support: 1 year toll-free technical telephone assistance, available 24/7¹³

Online and Email Support: Support available from <http://www.esupport.sony.com/EN/VAIO>

Limited Warranty Term: 1 year limited warranty⁹. See actual warranty for details.

Environmental Information

EPEAT™ : Gold

RoHS®: Compliant

ENERGY STAR®: 5.0

Regulation and Standard Compliance

Energy Star® Compliant: Yes

Dimensions

Weight: 6.4 lbs⁷ (with standard battery)

Measurements: 14.18"(W) x 1.24-1.5"(H) x 10.63"(D)^{5,6}

Supplied Accessories

Standard Capacity Lithium-ion Battery (VGP-BPS13A/B)

AC Adapter

Power Cord

Optional Accessories

Large Capacity Battery (VGP-BPL13)

Additional Standard Capacity Lithium-ion Battery (VGP-BPS13A/B)

Stick AC Adapter (VGP-AC19V30)

USB Laser Mouse(VGP-UMS55/W)

USB Portable Speaker (VGP-USP1)

Notebook Backpack (VGP-CCP3/H)

Matching Carrying Case (VGPCKN1/W)

Color: Silk White

UPC Code: 027242778085

10. For certain third party software applications, Sony provides first level phone support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the applicable software vendor.

11. Broadband Internet service required along with third party services which may require a subscription or other service fee.

12. 60-Day Trial Version of Microsoft® Office 2007 - This trial software will work only for 60 days after you first use it. You will not be able to use the software if you don't activate it as described the first time you use the software. You can activate the software by Internet: Internet service charges may apply. If you want to keep using the software after the 60-day trial period, you must convert to the perpetual version. You can convert online by following the conversion instructions presented during setup and paying the required fees.

13. Norton Internet Security™ 2009 30-day subscription is pre-installed on your Sony VAIO PC. You need to activate the software for the product to work. You can activate in the Sony VAIO Startup Assistant or by double clicking the Norton Internet Security icon on your desktop. After your 30-days are finished, buy Norton Internet Security to continue to be protected from viruses, hackers and identify theft.

14. Compatibility and performance in a 64 bit environment may vary. Check with the manufacturer of your software or accessory to ensure you have the latest updates.

15. Total Available Graphics Memory refers to the new Windows Vista classification of graphics memory, which varies depending on the operating condition, version of device driver and system memory size.

Computer Interface: For this product, there are a multitude of varying software packages and add-on hardware options. This product is not manufactured to work with any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned here. Sony hereby disclaims any representations or warranties that this product is compatible with any combination of non-Sony products you may choose to connect to it. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony computer are subject to change without notice. Preinstalled software may not be identical to retail versions or have all documentation. Features and specifications are subject to change without notice.

Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (www.eiae.org).

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Printed in U.S.A. 03/09.

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.

2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.

3. Requires 802.11n compatible access point. Some functionality may require Internet services.

4. Viewable area measured diagonally.

5. Non-metric weights and measures are approximate and may vary.

6. Measured at the narrowest point.

7. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.

8. Actual battery life may vary based on product settings, usage patterns and environmental conditions.

9. See actual limited warranty for details. For a copy of Sony's warranty, please visit www.sony.com/pcsupport, call toll-free 888.476.6972 (888-4SONYPY) or write to Sony Electronics, 12451 Gateway Boulevard, Fort Myers, FL 33913.